by Schneider Electric

QUICK START

# Spectra® IV SL and Spectra IV SE Series Dome Systems

## 23X, 27X, and 35X Models

C3462M (9/09)

# Installing the Dome Drive

1. Perform one of the following options:
   - **View video using both analog and IP connections:** Set the DIP switches on the top of the Spectra IV dome drive (refer to Figure 12). For DIP switch settings, refer to the labels located on the top of the dome drive, or refer to *Switch Settings* on page 3.
   - **View video using the IP connection:** If your dome drive is part of a Spectra IV IP system, you do not need to set the DIP switches.

   **NOTE:** When connecting more than one Spectra IV dome to a single controller, terminate the unit farthest from the controller. To terminate the dome drive set the SW2-10 switch to the ON position.

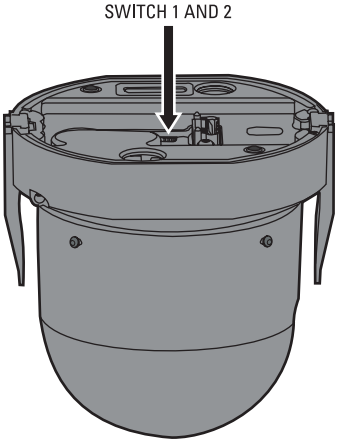


**Figure 1.** Setting the DIP Switches

2. Install the dome drive into the back box.
   a. Align the blue and red tabs with the blue and red labels on the back box.
   b. Push in the red tab and insert that side of the dome drive first.
   c. Push in the blue tab and insert the dome drive into the back box the remainder of the way.
   d. Continue pushing on the ends of the tabs until both sides click firmly into place.

# SWITCH SETTINGS

⚠ **WARNING:** If you are using Pelco D-type or P-type control, your system may not operate if the baud rate and address switches are not set correctly. The switches are set at the factory at the defaults for Pelco D-type control (2400 baud and address 1).

**Table A.** Switch Settings for SW2

| **Special Systems** | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Switch Number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| AD-32 Preset System | ON | | | | | | | | | |
| CM9502 Setting | | ON | | | | | | | | |
| Pelco Coaxitron Controller | | | OFF | | | | | | | |
| Third-Party Coaxial Control | | | ON | | | | | | | |
| Third-Party Pelco P-type Control | | | ON | | | | | | | |

| **Serial Port Settings** | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Switch Number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| RS422 | | | | OFF | OFF | | | | | |
| RS485, 4-Wire | | | | OFF | ON | | | | | |
| RS485, 2-Wire | | | | ON | ON | | | | | |

| **Pelco D or P Protocol Baud Rate** | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Switch Number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 2400 Baud (Default for D-type Control) | | | | | | OFF | OFF | OFF | | |
| 4800 Baud (Default for P-type Control) | | | | | | ON | OFF | OFF | | |
| 9600 Baud | | | | | | OFF | ON | OFF | | |

| **Video Cable Type** | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Switch Number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Coaxial Cable | | | | | | | | | OFF | |
| UTP Cable | | | | | | | | | ON | |

| **Dome Termination** | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Switch Number | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Terminated | | | | | | | | | | ON |
| Not Terminated | | | | | | | | | | OFF |

**Table B.** Switch Settings for SW1, P-Type Control

**NOTE:** For Coaxitron controls, SW1 is not used; set all switches to OFF. For D-type control systems, refer to Table C.

| SPECTRA ADDRESS | SWITCH SETTING | | | | |
|---|---|---|---|---|---|
| | SW1-1 | SW1-2 | SW1-3 | SW1-4 | SW1-5 |
| 1 | OFF | OFF | OFF | OFF | OFF |
| 2 | ON | OFF | OFF | OFF | OFF |
| 3 | OFF | ON | OFF | OFF | OFF |
| 4 | ON | ON | OFF | OFF | OFF |
| 5 | OFF | OFF | ON | OFF | OFF |
| 6 | ON | OFF | ON | OFF | OFF |
| 7 | OFF | ON | ON | OFF | OFF |
| 8 | ON | ON | ON | OFF | OFF |
| 9 | OFF | OFF | OFF | ON | OFF |
| 10 | ON | OFF | OFF | ON | OFF |
| 11 | OFF | ON | OFF | ON | OFF |
| 12 | ON | ON | OFF | ON | OFF |
| 13 | OFF | OFF | ON | ON | OFF |
| 14 | ON | OFF | ON | ON | OFF |
| 15 | OFF | ON | ON | ON | OFF |
| 16 | ON | ON | ON | ON | OFF |

| SPECTRA ADDRESS | SWITCH SETTING | | | | |
|---|---|---|---|---|---|
| | SW1-1 | SW1-2 | SW1-3 | SW1-4 | SW1-5 |
| 17 | OFF | OFF | OFF | OFF | ON |
| 18 | ON | OFF | OFF | OFF | ON |
| 19 | OFF | ON | OFF | OFF | ON |
| 20 | ON | ON | OFF | OFF | ON |
| 21 | OFF | OFF | ON | OFF | ON |
| 22 | ON | OFF | ON | OFF | ON |
| 23 | OFF | ON | ON | OFF | ON |
| 24 | ON | ON | ON | OFF | ON |
| 25 | OFF | OFF | OFF | ON | ON |
| 26 | ON | OFF | OFF | ON | ON |
| 27 | OFF | ON | OFF | ON | ON |
| 28 | ON | ON | OFF | ON | ON |
| 29 | OFF | OFF | ON | ON | ON |
| 30 | ON | OFF | ON | ON | ON |
| 31 | OFF | ON | ON | ON | ON |
| 32 | ON | ON | ON | ON | ON |

**Table C.** Switch Settings for SW1, D-Type Control

**NOTE:** For Coaxitron controls, SW1 is not used; set all switches to OFF. For P-type control systems, refer to Table B.

| SPECTRA ADDRESS | SWITCH SETTING | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | SW1-1 | SW1-2 | SW1-3 | SW1-4 | SW1-5 | SW1-6 | SW1-7 | SW1-8 |
| 1 | ON | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 2 | OFF | ON | OFF | OFF | OFF | OFF | OFF | OFF |
| 3 | ON | ON | OFF | OFF | OFF | OFF | OFF | OFF |
| 4 | OFF | OFF | ON | OFF | OFF | OFF | OFF | OFF |
| 5 | ON | OFF | ON | OFF | OFF | OFF | OFF | OFF |
| 6 | OFF | ON | ON | OFF | OFF | OFF | OFF | OFF |
| 7 | ON | ON | ON | OFF | OFF | OFF | OFF | OFF |
| 8 | OFF | OFF | OFF | ON | OFF | OFF | OFF | OFF |
| 9 | ON | OFF | OFF | ON | OFF | OFF | OFF | OFF |
| 10 | OFF | ON | OFF | ON | OFF | OFF | OFF | OFF |
| 11 | ON | ON | OFF | ON | OFF | OFF | OFF | OFF |
| 12 | OFF | OFF | ON | ON | OFF | OFF | OFF | OFF |
| 13 | ON | OFF | ON | ON | OFF | OFF | OFF | OFF |
| 14 | OFF | ON | ON | ON | OFF | OFF | OFF | OFF |
| 15 | ON | ON | ON | ON | OFF | OFF | OFF | OFF |

| SPECTRA ADDRESS | SWITCH SETTING | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | SW1-1 | SW1-2 | SW1-3 | SW1-4 | SW1-5 | SW1-6 | SW1-7 | SW1-8 |
| 16 | OFF | OFF | OFF | OFF | ON | OFF | OFF | OFF |
| 17 | ON | OFF | OFF | OFF | ON | OFF | OFF | OFF |
| 18 | OFF | ON | OFF | OFF | ON | OFF | OFF | OFF |
| 19 | ON | ON | OFF | OFF | ON | OFF | OFF | OFF |
| 20 | OFF | OFF | ON | OFF | ON | OFF | OFF | OFF |
| 21 | ON | OFF | ON | OFF | ON | OFF | OFF | OFF |
| 22 | OFF | ON | ON | OFF | ON | OFF | OFF | OFF |
| 23 | ON | ON | ON | OFF | ON | OFF | OFF | OFF |
| 24 | OFF | OFF | OFF | ON | ON | OFF | OFF | OFF |
| 25 | ON | OFF | OFF | ON | ON | OFF | OFF | OFF |
| 26 | OFF | ON | OFF | ON | ON | OFF | OFF | OFF |
| 27 | ON | ON | OFF | ON | ON | OFF | OFF | OFF |
| 28 | OFF | OFF | ON | ON | ON | OFF | OFF | OFF |
| 29 | ON | OFF | ON | ON | ON | OFF | OFF | OFF |
| 30 | OFF | ON | ON | ON | ON | OFF | OFF | OFF |

| SPECTRA ADDRESS | SWITCH SETTING | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | SW1-1 | SW1-2 | SW1-3 | SW1-4 | SW1-5 | SW1-6 | SW1-7 | SW1-8 |
| 31 | ON | ON | ON | ON | ON | OFF | OFF | OFF |
| 32 | OFF | OFF | OFF | OFF | OFF | ON | OFF | OFF |
| 33 | ON | OFF | OFF | OFF | OFF | ON | OFF | OFF |
| 34 | OFF | ON | OFF | OFF | OFF | ON | OFF | OFF |
| 35 | ON | ON | OFF | OFF | OFF | ON | OFF | OFF |
| 36 | OFF | OFF | ON | OFF | OFF | ON | OFF | OFF |
| 37 | ON | OFF | ON | OFF | OFF | ON | OFF | OFF |
| 38 | OFF | ON | ON | OFF | OFF | ON | OFF | OFF |
| 39 | ON | ON | ON | OFF | OFF | ON | OFF | OFF |
| 40 | OFF | OFF | OFF | ON | OFF | ON | OFF | OFF |
| 41 | ON | OFF | OFF | ON | OFF | ON | OFF | OFF |
| 42 | OFF | ON | OFF | ON | OFF | ON | OFF | OFF |
| 43 | ON | ON | OFF | ON | OFF | ON | OFF | OFF |
| 44 | OFF | OFF | ON | ON | OFF | ON | OFF | OFF |
| 45 | ON | OFF | ON | ON | OFF | ON | OFF | OFF |
| 46 | OFF | ON | ON | ON | OFF | ON | OFF | OFF |
| 47 | ON | ON | ON | ON | OFF | ON | OFF | OFF |
| 48 | OFF | OFF | OFF | OFF | ON | ON | OFF | OFF |
| 49 | ON | OFF | OFF | OFF | ON | ON | OFF | OFF |
| 50 | OFF | ON | OFF | OFF | ON | ON | OFF | OFF |
| 51 | ON | ON | OFF | OFF | ON | ON | OFF | OFF |
| 52 | OFF | OFF | ON | OFF | ON | ON | OFF | OFF |
| 53 | ON | OFF | ON | OFF | ON | ON | OFF | OFF |
| 54 | OFF | ON | ON | OFF | ON | ON | OFF | OFF |
| 55 | ON | ON | ON | OFF | ON | ON | OFF | OFF |
| 56 | OFF | OFF | OFF | ON | ON | ON | OFF | OFF |
| 57 | ON | OFF | OFF | ON | ON | ON | OFF | OFF |
| 58 | OFF | ON | OFF | ON | ON | ON | OFF | OFF |
| 59 | ON | ON | OFF | ON | ON | ON | OFF | OFF |
| 60 | OFF | OFF | ON | ON | ON | ON | OFF | OFF |
| 61 | ON | OFF | ON | ON | ON | ON | OFF | OFF |
| 62 | OFF | ON | ON | ON | ON | ON | OFF | OFF |
| 63 | ON | ON | ON | ON | ON | ON | OFF | OFF |
| 64 | OFF | OFF | OFF | OFF | OFF | OFF | ON | OFF |
| 65 | ON | OFF | OFF | OFF | OFF | OFF | ON | OFF |
| 66 | OFF | ON | OFF | OFF | OFF | OFF | ON | OFF |
| 67 | ON | ON | OFF | OFF | OFF | OFF | ON | OFF |
| 68 | OFF | OFF | ON | OFF | OFF | OFF | ON | OFF |
| 69 | ON | OFF | ON | OFF | OFF | OFF | ON | OFF |
| 70 | OFF | ON | ON | OFF | OFF | OFF | ON | OFF |

| SPECTRA ADDRESS | SWITCH SETTING | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | SW1-1 | SW1-2 | SW1-3 | SW1-4 | SW1-5 | SW1-6 | SW1-7 | SW1-8 |
| 71 | ON | ON | ON | OFF | OFF | OFF | ON | OFF |
| 72 | OFF | OFF | OFF | ON | OFF | OFF | ON | OFF |
| 73 | ON | OFF | OFF | ON | OFF | OFF | ON | OFF |
| 74 | OFF | ON | OFF | ON | OFF | OFF | ON | OFF |
| 75 | ON | ON | OFF | ON | OFF | OFF | ON | OFF |
| 76 | OFF | OFF | ON | ON | OFF | OFF | ON | OFF |
| 77 | ON | OFF | ON | ON | OFF | OFF | ON | OFF |
| 78 | OFF | ON | ON | ON | OFF | OFF | ON | OFF |
| 79 | ON | ON | ON | ON | OFF | OFF | ON | OFF |
| 80 | OFF | OFF | OFF | OFF | ON | OFF | ON | OFF |
| 81 | ON | OFF | OFF | OFF | ON | OFF | ON | OFF |
| 82 | OFF | ON | OFF | OFF | ON | OFF | ON | OFF |
| 83 | ON | ON | OFF | OFF | ON | OFF | ON | OFF |
| 84 | OFF | OFF | ON | OFF | ON | OFF | ON | OFF |
| 85 | ON | OFF | ON | OFF | ON | OFF | ON | OFF |
| 86 | OFF | ON | ON | OFF | ON | OFF | ON | OFF |
| 87 | ON | ON | ON | OFF | ON | OFF | ON | OFF |
| 88 | OFF | OFF | OFF | ON | ON | OFF | ON | OFF |
| 89 | ON | OFF | OFF | ON | ON | OFF | ON | OFF |
| 90 | OFF | ON | OFF | ON | ON | OFF | ON | OFF |
| 91 | ON | ON | OFF | ON | ON | OFF | ON | OFF |
| 92 | OFF | OFF | ON | ON | ON | OFF | ON | OFF |
| 93 | ON | OFF | ON | ON | ON | OFF | ON | OFF |
| 94 | OFF | ON | ON | ON | ON | OFF | ON | OFF |
| 95 | ON | ON | ON | ON | ON | OFF | ON | OFF |
| 96 | OFF | OFF | OFF | OFF | OFF | ON | ON | OFF |
| 97 | ON | OFF | OFF | OFF | OFF | ON | ON | OFF |
| 98 | OFF | ON | OFF | OFF | OFF | ON | ON | OFF |
| 99 | ON | ON | OFF | OFF | OFF | ON | ON | OFF |
| 100 | OFF | OFF | ON | OFF | OFF | ON | ON | OFF |
| 101 | ON | OFF | ON | OFF | OFF | ON | ON | OFF |
| 102 | OFF | ON | ON | OFF | OFF | ON | ON | OFF |
| 103 | ON | ON | ON | OFF | OFF | ON | ON | OFF |
| 104 | OFF | OFF | OFF | ON | OFF | ON | ON | OFF |
| 105 | ON | OFF | OFF | ON | OFF | ON | ON | OFF |
| 106 | OFF | ON | OFF | ON | OFF | ON | ON | OFF |
| 107 | ON | ON | OFF | ON | OFF | ON | ON | OFF |
| 108 | OFF | OFF | ON | ON | OFF | ON | ON | OFF |
| 109 | ON | OFF | ON | ON | OFF | ON | ON | OFF |
| 110 | OFF | ON | ON | ON | OFF | ON | ON | OFF |

| SPECTRA ADDRESS | SWITCH SETTING | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | SW1-1 | SW1-2 | SW1-3 | SW1-4 | SW1-5 | SW1-6 | SW1-7 | SW1-8 |
| 111 | ON | ON | ON | ON | OFF | ON | ON | OFF |
| 112 | OFF | OFF | OFF | OFF | ON | ON | ON | OFF |
| 113 | ON | OFF | OFF | OFF | ON | ON | ON | OFF |
| 114 | OFF | ON | OFF | OFF | ON | ON | ON | OFF |
| 115 | ON | ON | OFF | OFF | ON | ON | ON | OFF |
| 116 | OFF | OFF | ON | OFF | ON | ON | ON | OFF |
| 117 | ON | OFF | ON | OFF | ON | ON | ON | OFF |
| 118 | OFF | ON | ON | OFF | ON | ON | ON | OFF |
| 119 | ON | ON | ON | OFF | ON | ON | ON | OFF |
| 120 | OFF | OFF | OFF | ON | ON | ON | ON | OFF |
| 121 | ON | OFF | OFF | ON | ON | ON | ON | OFF |
| 122 | OFF | ON | OFF | ON | ON | ON | ON | OFF |
| 123 | ON | ON | OFF | ON | ON | ON | ON | OFF |
| 124 | OFF | OFF | ON | ON | ON | ON | ON | OFF |
| 125 | ON | OFF | ON | ON | ON | ON | ON | OFF |
| 126 | OFF | ON | ON | ON | ON | ON | ON | OFF |
| 127 | ON | ON | ON | ON | ON | ON | ON | OFF |
| 128 | OFF | OFF | OFF | OFF | OFF | OFF | OFF | ON |
| 129 | ON | OFF | OFF | OFF | OFF | OFF | OFF | ON |
| 130 | OFF | ON | OFF | OFF | OFF | OFF | OFF | ON |
| 131 | ON | ON | OFF | OFF | OFF | OFF | OFF | ON |
| 132 | OFF | OFF | ON | OFF | OFF | OFF | OFF | ON |
| 133 | ON | OFF | ON | OFF | OFF | OFF | OFF | ON |
| 134 | OFF | ON | ON | OFF | OFF | OFF | OFF | ON |
| 135 | ON | ON | ON | OFF | OFF | OFF | OFF | ON |
| 136 | OFF | OFF | OFF | ON | OFF | OFF | OFF | ON |
| 137 | ON | OFF | OFF | ON | OFF | OFF | OFF | ON |
| 138 | OFF | ON | OFF | ON | OFF | OFF | OFF | ON |
| 139 | ON | ON | OFF | ON | OFF | OFF | OFF | ON |
| 140 | OFF | OFF | ON | ON | OFF | OFF | OFF | ON |
| 141 | ON | OFF | ON | ON | OFF | OFF | OFF | ON |
| 142 | OFF | ON | ON | ON | OFF | OFF | OFF | ON |
| 143 | ON | ON | ON | ON | OFF | OFF | OFF | ON |
| 144 | OFF | OFF | OFF | OFF | ON | OFF | OFF | ON |
| 145 | ON | OFF | OFF | OFF | ON | OFF | OFF | ON |
| 146 | OFF | ON | OFF | OFF | ON | OFF | OFF | ON |
| 147 | ON | ON | OFF | OFF | ON | OFF | OFF | ON |
| 148 | OFF | OFF | ON | OFF | ON | OFF | OFF | ON |
| 149 | ON | OFF | ON | OFF | ON | OFF | OFF | ON |
| 150 | OFF | ON | ON | OFF | ON | OFF | OFF | ON |

| SPECTRA ADDRESS | SWITCH SETTING | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | SW1-1 | SW1-2 | SW1-3 | SW1-4 | SW1-5 | SW1-6 | SW1-7 | SW1-8 |
| 151 | ON | ON | ON | OFF | ON | OFF | OFF | ON |
| 152 | OFF | OFF | OFF | ON | ON | OFF | OFF | ON |
| 153 | ON | OFF | OFF | ON | ON | OFF | OFF | ON |
| 154 | OFF | ON | OFF | ON | ON | OFF | OFF | ON |
| 155 | ON | ON | OFF | ON | ON | OFF | OFF | ON |
| 156 | OFF | OFF | ON | ON | ON | OFF | OFF | ON |
| 157 | ON | OFF | ON | ON | ON | OFF | OFF | ON |
| 158 | OFF | ON | ON | ON | ON | OFF | OFF | ON |
| 159 | ON | ON | ON | ON | ON | OFF | OFF | ON |
| 160 | OFF | OFF | OFF | OFF | OFF | ON | OFF | ON |
| 161 | ON | OFF | OFF | OFF | OFF | ON | OFF | ON |
| 162 | OFF | ON | OFF | OFF | OFF | ON | OFF | ON |
| 163 | ON | ON | OFF | OFF | OFF | ON | OFF | ON |
| 164 | OFF | OFF | ON | OFF | OFF | ON | OFF | ON |
| 165 | ON | OFF | ON | OFF | OFF | ON | OFF | ON |
| 166 | OFF | ON | ON | OFF | OFF | ON | OFF | ON |
| 167 | ON | ON | ON | OFF | OFF | ON | OFF | ON |
| 168 | OFF | OFF | OFF | ON | OFF | ON | OFF | ON |
| 169 | ON | OFF | OFF | ON | OFF | ON | OFF | ON |
| 170 | OFF | ON | OFF | ON | OFF | ON | OFF | ON |
| 171 | ON | ON | OFF | ON | OFF | ON | OFF | ON |
| 172 | OFF | OFF | ON | ON | OFF | ON | OFF | ON |
| 173 | ON | OFF | ON | ON | OFF | ON | OFF | ON |
| 174 | OFF | ON | ON | ON | OFF | ON | OFF | ON |
| 175 | ON | ON | ON | ON | OFF | ON | OFF | ON |
| 176 | OFF | OFF | OFF | OFF | ON | ON | OFF | ON |
| 177 | ON | OFF | OFF | OFF | ON | ON | OFF | ON |
| 178 | OFF | ON | OFF | OFF | ON | ON | OFF | ON |
| 179 | ON | ON | OFF | OFF | ON | ON | OFF | ON |
| 180 | OFF | OFF | ON | OFF | ON | ON | OFF | ON |
| 181 | ON | OFF | ON | OFF | ON | ON | OFF | ON |
| 182 | OFF | ON | ON | OFF | ON | ON | OFF | ON |
| 183 | ON | ON | ON | OFF | ON | ON | OFF | ON |
| 184 | OFF | OFF | OFF | ON | ON | ON | OFF | ON |
| 185 | ON | OFF | OFF | ON | ON | ON | OFF | ON |
| 186 | OFF | ON | OFF | ON | ON | ON | OFF | ON |
| 187 | ON | ON | OFF | ON | ON | ON | OFF | ON |
| 188 | OFF | OFF | ON | ON | ON | ON | OFF | ON |
| 189 | ON | OFF | ON | ON | ON | ON | OFF | ON |
| 190 | OFF | ON | ON | ON | ON | ON | OFF | ON |

| SPECTRA ADDRESS | SWITCH SETTING | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | SW1-1 | SW1-2 | SW1-3 | SW1-4 | SW1-5 | SW1-6 | SW1-7 | SW1-8 |
| 191 | ON | ON | ON | ON | ON | ON | OFF | ON |
| 192 | OFF | OFF | OFF | OFF | OFF | OFF | ON | ON |
| 193 | ON | OFF | OFF | OFF | OFF | OFF | ON | ON |
| 194 | OFF | ON | OFF | OFF | OFF | OFF | ON | ON |
| 195 | ON | ON | OFF | OFF | OFF | OFF | ON | ON |
| 196 | OFF | OFF | ON | OFF | OFF | OFF | ON | ON |
| 197 | ON | OFF | ON | OFF | OFF | OFF | ON | ON |
| 198 | OFF | ON | ON | OFF | OFF | OFF | ON | ON |
| 199 | ON | ON | ON | OFF | OFF | OFF | ON | ON |
| 200 | OFF | OFF | OFF | ON | OFF | OFF | ON | ON |
| 201 | ON | OFF | OFF | ON | OFF | OFF | ON | ON |
| 202 | OFF | ON | OFF | ON | OFF | OFF | ON | ON |
| 203 | ON | ON | OFF | ON | OFF | OFF | ON | ON |
| 204 | OFF | OFF | ON | ON | OFF | OFF | ON | ON |
| 205 | ON | OFF | ON | ON | OFF | OFF | ON | ON |
| 206 | OFF | ON | ON | ON | OFF | OFF | ON | ON |
| 207 | ON | ON | ON | ON | OFF | OFF | ON | ON |
| 208 | OFF | OFF | OFF | OFF | ON | OFF | ON | ON |
| 209 | ON | OFF | OFF | OFF | ON | OFF | ON | ON |
| 210 | OFF | ON | OFF | OFF | ON | OFF | ON | ON |
| 211 | ON | ON | OFF | OFF | ON | OFF | ON | ON |
| 212 | OFF | OFF | ON | OFF | ON | OFF | ON | ON |
| 213 | ON | OFF | ON | OFF | ON | OFF | ON | ON |
| 214 | OFF | ON | ON | OFF | ON | OFF | ON | ON |
| 215 | ON | ON | ON | OFF | ON | OFF | ON | ON |
| 216 | OFF | OFF | OFF | ON | ON | OFF | ON | ON |
| 217 | ON | OFF | OFF | ON | ON | OFF | ON | ON |
| 218 | OFF | ON | OFF | ON | ON | OFF | ON | ON |
| 219 | ON | ON | OFF | ON | ON | OFF | ON | ON |
| 220 | OFF | OFF | ON | ON | ON | OFF | ON | ON |
| 221 | ON | OFF | ON | ON | ON | OFF | ON | ON |
| 222 | OFF | ON | ON | ON | ON | OFF | ON | ON |

| SPECTRA ADDRESS | SWITCH SETTING | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | SW1-1 | SW1-2 | SW1-3 | SW1-4 | SW1-5 | SW1-6 | SW1-7 | SW1-8 |
| 223 | ON | ON | ON | ON | ON | OFF | ON | ON |
| 224 | OFF | OFF | OFF | OFF | OFF | ON | ON | ON |
| 225 | ON | OFF | OFF | OFF | OFF | ON | ON | ON |
| 226 | OFF | ON | OFF | OFF | OFF | ON | ON | ON |
| 227 | ON | ON | OFF | OFF | OFF | ON | ON | ON |
| 228 | OFF | OFF | ON | OFF | OFF | ON | ON | ON |
| 229 | ON | OFF | ON | OFF | OFF | ON | ON | ON |
| 230 | OFF | ON | ON | OFF | OFF | ON | ON | ON |
| 231 | ON | ON | ON | OFF | OFF | ON | ON | ON |
| 232 | OFF | OFF | OFF | ON | OFF | ON | ON | ON |
| 233 | ON | OFF | OFF | ON | OFF | ON | ON | ON |
| 234 | OFF | ON | OFF | ON | OFF | ON | ON | ON |
| 235 | ON | ON | OFF | ON | OFF | ON | ON | ON |
| 236 | OFF | OFF | ON | ON | OFF | ON | ON | ON |
| 237 | ON | OFF | ON | ON | OFF | ON | ON | ON |
| 238 | OFF | ON | ON | ON | OFF | ON | ON | ON |
| 239 | ON | ON | ON | ON | OFF | ON | ON | ON |
| 240 | OFF | OFF | OFF | OFF | ON | ON | ON | ON |
| 241 | ON | OFF | OFF | OFF | ON | ON | ON | ON |
| 242 | OFF | ON | OFF | OFF | ON | ON | ON | ON |
| 243 | ON | ON | OFF | OFF | ON | ON | ON | ON |
| 244 | OFF | OFF | ON | OFF | ON | ON | ON | ON |
| 245 | ON | OFF | ON | OFF | ON | ON | ON | ON |
| 246 | OFF | ON | ON | OFF | ON | ON | ON | ON |
| 247 | ON | ON | ON | OFF | ON | ON | ON | ON |
| 248 | OFF | OFF | OFF | ON | ON | ON | ON | ON |
| 249 | ON | OFF | OFF | ON | ON | ON | ON | ON |
| 250 | OFF | ON | OFF | ON | ON | ON | ON | ON |
| 251 | ON | ON | OFF | ON | ON | ON | ON | ON |
| 252 | OFF | OFF | ON | ON | ON | ON | ON | ON |
| 253 | ON | OFF | ON | ON | ON | ON | ON | ON |
| 254 | OFF | ON | ON | ON | ON | ON | ON | ON |

# Preset 95: Accessing the Main Menu

You can call up the main menu on your monitor by programming (setting or creating) preset 95 (preset 28 in AD32-preset mode).

Programming preset 95 for Pelco's controllers varies according to the type of controller you are using. Instructions for programming preset 95 are given below for various Pelco controllers. Refer to the instructions shipped with your controller for more information.

## CM6700/CM6800

1. Enter the number of the Spectra IV dome system and press the CAM key.
2. Enter 95 and hold the PRESET key for two seconds.
3. In the Edit Preset menu, go to SET and press the ACK key. The main menu appears.

## KBD200A/KBD300A DIRECT MODE ONLY

1. Enter 95.
2. Hold the PRESET key (approximately five seconds) until the main menu appears on the screen.

## CM9500

1. Enter the number of the Spectra IV dome system and press the CAM key. The main menu appears.
2. Highlight SETUP in the main menu and press the SELECT key.
3. Highlight CAM in the Setup menu and press the SELECT key.
4. Highlight PRESET in the Camera menu and press the SELECT key.
5. Enter 95 and press the F1 key. The main menu appears.

## CM9740/CM9760/CM9770/CM9780

1. Press the ESCAPE key to open the main menu. Select DEF. The Define submenu appears.
2. Enter your four-digit PIN *if this is your first time entering this mode.*
3. Enter 95 and select PRST. The main menu appears on the monitor.
4. Select the Quit icon to return to the default menu.

## KBD4000/KBD4002

1. Press the SPOT MONITOR key.
2. Enter 95, then hold the PRESET key (approximately five seconds) until the main menu appears on the screen.

## MPT9500

### Extended Coaxitron or RS-485 Mode

1. Enter 95 and press the PRESET SET key.
2. Press the F2 key. The main menu appears.

## NET300/NET350/NET4001A

1. Check the Set box.
2. Click the preset 95 button. The main menu appears.

## ENDURA WORKSTATION

1. Right-click in the video pane of the Spectra IV dome system.
2. Click Preset and then click Select Preset.
3. Enter 95 and then click OK.

## VCD5000

1. Enter 95 for the preset action. The shortcuts menu appears.
2. Press the Preset button on the KBD5000.

## DX4100/DX4500/DX4600/DX8100

1. Click the PTZ button on the toolbar. The PTZ control appears.
2. Click the Program button on the PTZ control. The main menu appears.

## DIGITAL SENTRY® SYSTEM SOFTWARE

1. Click the PTZ tab.
2. Click the right or left arrows below the "Go to Preset" button until "Go to Preset 95" appears on the button.
3. Click the "Go to Preset 95" button. The main menu appears.

## DIGITAL SENTRY DS CONTROLPOINT

1. Click the PTZ Controls icon. The PTZ Control tab appears below the PTZ video frame.
2. Click the up and down arrows to display 95 in the Preset Name text box.
3. Click the Call button. The main menu appears.

## DVR5100

1. While in live view mode, select a video pane that is displaying video from a Spectra IV dome system.
2. From the Main menu, click Actions. The Actions menu appears.
3. From the Actions menu, click PTZ Operations. The PTZ Operations dialog box appears.
4. In the PTZ Operations dialog box, type **95** in the text box, and then click Presets. The main menu appears.

# Troubleshooting

To use your dome, refer to the installation and operation/configuration manuals on the resource disc.

If the following instructions fail to solve your problem, contact Pelco Product Support at 1-800-289-9100 (USA and Canada) or +1-559-292-1981 (international) for assistance. Be sure to have the serial number available when calling.

Do not try to repair the unit yourself. Leave maintenance and repairs to qualified technical personnel only.

**Table D.** Troubleshooting the Spectra IV Dome System

| Problem | Possible Causes | Suggested Resolution |
|---|---|---|
| Dome does not start properly after installation. | The circuit board fuse may need to be replaced. | Check the fuse on the circuit board inside the back box for continuity. Replace the fuse if needed. |
| | The back box may not be receiving proper voltage. | Check the wiring with a volt meter to ensure that the back box is receiving proper voltage. |
| Dome starts correctly, but you do not have accurate control. | Switch settings on the dome drive are set incorrectly. | Check the signal with a volt meter or an oscilloscope.<br>**NOTE:** This step will not apply if you are using Coaxitron control.<br>Ensure that the switch settings on the dome drive are set correctly (refer to *Switch Settings* on page 3.)<br>Ensure that the proper back box wiring was used and that the polarity of wiring is correct. |
| No video is displayed. | Power is not connected. | Check the power connector. |
| | Video cable is not connected. | Check the video connector. |
| | Video UTP cable is not connected. | Check the UTP connector. |
| | TXB-IP module is not inserted properly in the back box. | If you are using a Spectra IV IP dome system, reinstall the TXB-IP module. Make sure the pins on the module are inserted correctly. |
| Spectra IV information (model, firmware, Pelco P and Pelco D protocol addresses, and communication settings) does not appear after the configuration cycle. | The unit cannot complete its configuration cycle. | Ensure that nothing is physically obstructing the pan and tilt movement of the dome drive. |
| The displayed video is scrambled. | Video UTP wires are incorrectly installed in the back box. | Verify that the video UTP cable is wired correctly to the UTP connector on the back box circuit board. The blue wire should be connected to the positive terminal, and the gray wire should be connected to the negative terminal (refer to the installation manual on the resource disc). |

# PRODUCT WARRANTY AND RETURN INFORMATION

## WARRANTY

Pelco will repair or replace, without charge, any merchandise proved defective in material or workmanship **for a period of one year** after the date of shipment.

Exceptions to this warranty are as noted below:

- Five years:
  - Fiber optic products
  - TW3000 Series unshielded twisted pair (UTP) transmission products
  - CC3701H-2, CC3701H-2X, CC3751H-2, CC3651H-2X, MC3651H-2, and MC3651H-2X camera models
- Three years:
  - Pelco-designed fixed network cameras and network dome cameras with Sarix™ technology.
  - Pelco-branded fixed camera models (CCC1390H Series, C10DN Series, C10CH Series, and IP3701H Series)
  - EH1500 Series enclosures
  - Spectra® IV products (including Spectra IV IP)
  - Camclosure® Series (IS, ICS, IP) integrated camera systems
  - DX Series digital video recorders, DVR5100 Series digital video recorders, Digital Sentry® Series hardware products, DVX Series digital video recorders, and NVR300 Series network video recorders
  - Endura® Series distributed network-based video products
  - Genex® Series products (multiplexers, server, and keyboard)
  - PMCL200/300/400 Series LCD monitors
- Two years:
  - Standard varifocal, fixed focal, and motorized zoom lenses.
  - DF5/DF8 Series fixed dome products
  - Legacy® Series integrated positioning systems
  - Spectra III™, Spectra Mini, Spectra Mini IP, Esprit®, ExSite®, and PS20 scanners, including when used in continuous motion applications.
  - Esprit Ti and TI2500 Series thermal imaging products
  - Esprit and WW5700 Series window wiper (excluding wiper blades).
  - CM6700/CM6800/CM9700 Series matrix
  - Digital Light Processing (DLP®) displays (except lamp and color wheel). The lamp and color wheel will be covered for a period of 90 days. The air filter is not covered under warranty.
  - Intelli-M® eIDC controllers
  - PMCL542F, PMCL547F, and PMCL552F FHD monitors
- One year:
  - Video cassette recorders (VCRs), except video heads. Video heads will be covered for a period of six months.
- Six months:
  - All pan and tilts, scanners, or preset lenses used in continuous motion applications (preset scan, tour, and auto scan modes).

Pelco will warrant all replacement parts and repairs for 90 days from the date of Pelco shipment. All goods requiring warranty repair shall be sent freight prepaid to a Pelco designated location. Repairs made necessary by reason of misuse, alteration, normal wear, or accident are not covered under this warranty.

Pelco assumes no risk and shall be subject to no liability for damages or loss resulting from the specific use or application made of the Products. Pelco's liability for any claim, whether based on breach of contract, negligence, infringement of any rights of any party or product liability, relating to the Products shall not exceed the price paid by the Dealer to Pelco for such Products. In no event will Pelco be liable for any special, incidental, or consequential damages (including loss of use, loss of profit, and claims of third parties) however caused, whether by the negligence of Pelco or otherwise.

The above warranty provides the Dealer with specific legal rights. The Dealer may also have additional rights, which are subject to variation from state to state.

If a warranty repair is required, the Dealer must contact Pelco at (800) 289-9100 or (559) 292-1981 to obtain a Repair Authorization number (RA), and provide the following information:

1. Model and serial number
2. Date of shipment, P.O. number, sales order number, or Pelco invoice number
3. Details of the defect or problem

If there is a dispute regarding the warranty of a product that does not fall under the warranty conditions stated above, please include a written explanation with the product when returned.

Method of return shipment shall be the same or equal to the method by which the item was received by Pelco.

## RETURNS

To expedite parts returned for repair or credit, please call Pelco at (800) 289-9100 or (559) 292-1981 to obtain an authorization number (CA number if returned for credit, and RA number if returned for repair) and designated return location.

All merchandise returned for credit may be subject to a 20 percent restocking and refurbishing charge.

Goods returned for repair or credit should be clearly identified with the assigned CA or RA number and freight should be prepaid

10-1-09

Green The materials used in the manufacture of this document and its components are compliant to the requirements of Directive 2002/95/EC.

This equipment contains electrical or electronic components that must be recycled properly to comply with Directive 2002/96/EC of the European Union regarding the disposal of waste electrical and electronic equipment (WEEE). Contact your local dealer for procedures for recycling this equipment.

## REVISION HISTORY

| Manual # | Date | Comments |
|---|---|---|
| C3462M | 9/09 | Original version. |

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**www.pelco.com**

Pelco, Inc. Worldwide Headquarters 3500 Pelco Way Clovis, California 93612 USA
USA & Canada Tel (800) 289-9100 Fax (800) 289-9150
International Tel +1 (559) 292-1981 Fax +1 (559) 348-1120